

IN THE DRAWINGS

Fig. 1 is amended as to change include a reference sign "2." In addition, Fig. 7 is amended as to change one of reference signs "36" to "56" and to change another one of the reference signs "38" to "46." The Applicants submit herewith drawings showing the proposed changes in red for approval by the Examiner. Upon approval by the Examiner, new drawings including the changes will be filed. The amendments to the drawings do not add new matter.

IN THE CLAIMS:

Please amend claims 1, 5, 6, 17, 20, 22, 28, 29 and 30 to read as follows:

52
C7
B2
1. (Amended) A method of determining the current status and remaining life of a power source in an implantable neurological tissue stimulator comprising the steps of:

assessing the power source voltage of the power source in an implantable neurological tissue stimulator;

determining, based on the assessed power source voltage, where the power source is in its power source life cycle;

obtaining a used capacity of the power source and a time that the power source has been operating; and

determining the remaining life of the power source based on the used capacity of the power source and the time that the power source has been operating.

B3
Sub
03
5. (Amended) The method of claim 1 wherein the step of determining the remaining life of the power source includes the steps of :

determining the probable usage rate of the power source; and

dividing the determined remaining capacity by the probable usage rate of the power source.